



INFORMATION DISCLOSURE STATEMENT

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ATTY. DOCKET NO.

2003U013.US

SERIAL NO.

10/828,953

APPLICANT

Laughlin G. McCullough

FILING DATE

04/21/2004

GROUP

Unassigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AH							
	AI							
	AJ							
	AK							
	AL							







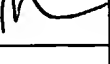

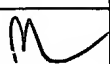
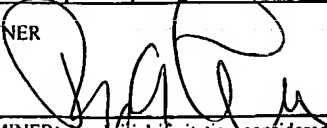
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

<i>m</i>	AM	Chirik, Paul J., et al., "Preparation and Characterization of Monomeric and Dimeric Group IV Metallocene Dihyrides Having Alkyl-Substituted Cyclopentadienyl Ligands," ORGANOMETALLICS 18, 1873-1881 (1999).
<i>m</i>	AN	Lofthus, Owen W., et al., "Electrophile-Functionalized Metallocene Intermediates. Application in the Diastereoselective Synthesis of a Tetramethyldisiloxane-Bridged C ₇ -Symmetric ansa-Zirconocene Dibromide," ORGANOMETALLICS 18, 3702-3708 (1999).

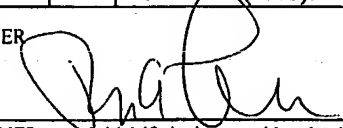
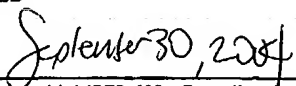
EXAMINER

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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				ATTY. DOCKET NO.		SERIAL NO.	
				2003U031.US		Unassigned	
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				Fred E. Ehrman			
				FILING DATE		GROUP	
10/15/2003		Unassigned					
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	BB						
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
	BC	Lehtinen, Christel et al. "A Comparison of (η -butCp) ₂ ZrCl ₂ and Other Simple Metallocenes with Bridged Et(Ind) ₂ ZrCl ₂ and Me ₂ Si(Ind) ₂ ZrCl ₂ Catalysts in Ethene/Propene Copolymerization," <i>European Polymer Journal</i> 33(1), 115-120 (1997).					
	BD	Suhm, J., "Influence of metallocene structures on ethene copolymerization with 1-butene and 1-octene," <i>Journal of Molecular Catalysis A: Chemical</i> 128(1-3) 215-227 (1998).					
	BE	Löfgren, B., "New olefin copolymers synthesized by metallocenes," <i>Recent Res. Devel. in Macromol. Res.</i> , 3, 117-131 (1998).					
	BF	Suhm, J., et al. "Temperature Dependence of Copolymerization Parameters in Ethene/1-Octene Copolymerization Using Homogeneous rac-Me ₂ Si(2-MeBenz[e]Ind) ₂ ZrCl ₂ /MAO Catalyst," <i>Journal of Polymer Science, Part A: Polymer Chemistry</i> 35, 735-740 (1997).					
	BG	Schneider, M.J., et al. "Influence of Indenyl Ligand Substitution Pattern on Metallocene-Catalyzed Ethene Copolymerization with 1-Octene," <i>Macromolecules</i> 30, 3164-3168 (1997).					
	BH	Karol, Frederick J., et al., "Features of Cyclopentadienyl Metal Catalysts for Ethylene Copolymerization in Gas and Liquid Phase" <i>METALORGANIC CATALYSTS FOR SYNTHESIS AND POLYMERIZATION</i> 629-642, (Walter Kaminsky, Ed., Springer 1999).					
	BI	Bruaseth, Ingvald et al. "Dual Site Ethene/1-Hexene Copolymerization with MAO Activated (1,2,4-Me ₃ Cp) ₂ ZrCl ₂ and (Me ₃ Cp) ₂ ZrCl ₂ Catalysts. Possible Transfer of Polymer Chains between the Sites," <i>Macromolecules</i> 36(9), 3026-3034 (2003).					
	BJ	Möhring, Petra C., "Homogeneous Group 4 metallocene Ziegler-Natta catalysts: the influence of cyclopentadienyl-ring substituents," <i>Journal of Organometallic Chemistry</i> 479, 1-29 (1994).					
	BK	Brintzinger, Hans H., "Stereospecific Olefin Polymerization with Chiral Metallocene Catalysts," <i>Angew. Chem. Int. Ed. Engl.</i> , 34, 1143-1170 (1995).					
EXAMINER				DATE CONSIDERED			
				September 30, 2004			
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	AA	6,180,736	01/30/2001	Muhle et al.	526	160	
M	AB	6,207,606	03/27/2001	Lue et al.	502	113	
M	AC	6,388,115	05/14/2002	Crowther et al.	556	11	
M	AD	6,339,134	01/15/2002	Crowther et al.	526	128	
M	AE	6,489,413	12/03/2002	Floyd et al.	526	160	
M	AF	6,410,659	06/25/2002	Maddox et al.	526	114	
M	AG	6,642,400	11/04/2003	Holtcamp et al.	556	11	
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		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
M	AH	WO 94/03506	02/17/1994	PCT			
M	AI	WO 98/28350	07/02/1998	PCT			
M	AJ	WO 03/008465	01/30/2003	PCT			
M	AK	WO 03/008468	01/30/2003	PCT			
M	AL	WO 03/037938	05/08/2003	PCT			
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
M	AM	Galland, G.B., et al., "Linear low-density polyethylene synthesis promoted by homogeneous and supported catalysts," <i>Polymer International</i> 48, 660-664 (1999).					
M	AN	Wigum, Hanne, et al., "Structure-Property Transition-State Model for the Copolymerization of Ethene and 1-Hexene with Experimental and Theoretical Applications to Novel Disilylene-Bridged Zirconocenes," <i>Journal of Polymer Science, Part A: Polymer Chemistry</i> 41(11), 1622-1631 (2003).					
EXAMINER				DATE CONSIDERED			
							
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